

**'It's Important
to Know
In Time'**

Air Conditioning & REFRIGERATION



NEWS

**BULLETIN
EDITION
Apr. 3, 1944**

Member Associated Business Papers,
Inc.; Audit Bureau of Circulations.

The Newspaper of the Industry
Issued Every Monday at Detroit, Mich.

Vol. 41, No. 14, Serial No. 785
Established 1926.

REPAIR SHOPS URGED TO PLACE ORDERS FOR MOTORS

WASHINGTON, D. C.—Electric motors should be ordered now by repair shops, who have an AA-3 preference rating assigned to them, in order to "build up the pattern of ratings," advise officials of the War Production Board here.

Even though the fractional horsepower motors might be used for the present only to build up stocks, and the orders may take some time in coming through, the orders should be placed now, say these officials.

Repair shops were given the AA-3 rating of Controlled Materials Plan Regulation 9-A on Nov. 25. When a repair shop orders motors with this rating, the dealer, wholesaler, or motor agency having fractional horsepower motors for sale is required to honor the AA-3 rating and make the sale, provided there are no higher priority orders, and provided that the buyer meets the seller's regularly established prices and terms of sale or payment.

Wholesalers, motor dealers, and agencies have been urged by WPB to file immediately Form WPB-547 (formerly PD-1X) applications for supplies of fractional horsepower motors if they wish to build up a stock for resale to repair shops.

Prompt repair of electric motors is also urged by WPB to help improve the critical situation in this item. Under a recent revision of Order L-123 repair shops who replace a repairable or worn out electric motor in a refrigerator or other appliance may trade in the old motor for another without need for a priority rating.

No motor need be turned in when placing an order bearing the AA-3 rating, however, repair shops are reminded by WPB.

G-E DISTRIBUTING BRANCHES SET UP IN ST. LOUIS, CINCINNATI

BRIDGEPORT, Conn.—Two new wholesale distributing branches have been established in Cincinnati and St. Louis by the General Electric Co., it has been announced by H. L. Andrews, vice president in charge of the company's Appliance and Merchandise department with headquarters in Bridgeport.

The branch in Cincinnati will be responsible for the distribution of these products in both the Cincinnati and Dayton wholesale areas.

Paul C. Wilmore has been appointed branch manager with headquarters at 215 West Third Street, Cincinnati. Previously he had represented G-E on the Pacific Coast with offices in San Francisco. While there he was a representative of the household refrigeration and publicity divisions.

The St. Louis branch will cover the city's wholesale area and will be under the management of G. R. Brownback, who has been on the staff of the G-E office in Washington. His new headquarters will be at 500 North Beaumont Avenue, St. Louis.

Repairmen Still on Critical List But Those Under 26 Need Special Plea

Suggested New Procedures and Revisions In Old Procedures in Seeking Deferments Are Outlined

WASHINGTON, D. C.—The following points on the status of refrigeration repairmen in relation to the recent revision in Selective Service regulations stood out following meetings here March 28 and 29 of the National Refrigeration Service Committee with various governmental agencies:

(1) Under the recent directive local Selective Service Boards are ordered to call up all men under 26 for a pre-induction physical examination and to reclassify them immediately regardless of when any existing deferment expires. However, there is an interim procedure, to be followed until specific lists of those under 26 who may be deferred are made up, whereby the authorized representatives of various procurement agencies may endorse the requests of employers for key workers under 26 until such time as permanent procedures are established for the filing of requests.

(This can possibly apply in some cases of refrigeration repairmen under 26 who might be the last barrier in their area against a complete breakdown of refrigeration equipment. How this procedure will apply will be explained later in this story.)

(2) "Refrigerator repairmen" are still on the "critical list" of occupations and as such are fully entitled to receive the consideration and have their case processed as provided in Local Draft Board Memorandums 115 and 115-B.

Members of the National Refrigeration Service Manpower Committee presented figures gathered in a survey (a call for which was sounded in the March 20 issue) which showed that ranks of repairmen had dwindled from more than 20,000 men to 6,000, of which 50% were of draft age and 10 to 15% under 26.

It was pointed out that in certain areas the drafting of repairmen under 26 years of age would completely wipe out all refrigeration servicing facilities, and the committee asked the special consideration of Manpower officials where such cases were uncovered.

There has been no ruling or directives of any kind that have taken refrigeration repairmen off the critical list. It is true that National Selec-

(Concluded on Page 2, Column 2)

Gov't Food Holdings Jam Cold Storages

WASHINGTON, D. C. — Freezer and refrigerated storage space, overcrowded a year ago by the Government's extensive food holdings, is even more crowded today, reveals the War Food Administration in its "Cold Storage Report as of March 1, 1944" made public recently.

Frozen Foods Off Ration Lists To Clear Storages

WASHINGTON, D. C.—All frozen fruits and vegetables have been removed from ration lists as of Sunday, April 2, according to an announcement by Chester Bowles, price administrator, who said that the move had been suggested by Marvin Jones, war food administrator, to clear out cold storage space needed for meats, dairy, and poultry products.

For the entire country the average occupancy of refrigerator space was 92% of capacity on March 1, 1944, as compared with 64% in March, 1943.
(Concluded on Page 2, Column 4)

This is the bulletin issue of the News. More details on the news stories plus special features in next week's full size issue.

For Maximum Evaporator Efficiency



ALCO VALVE CO. ST. LOUIS, MO.

We Manufacture Only Food Conservators

Our entire time is devoted to the manufacture, research and development of them. Write for particulars.

Master Manufacturing Corp.
121 Main St. Sioux City, Iowa

400,000 Master Food Conservators In Use

MIDWEST

Household and Commercial Refrigerator Cabinets

Now Making VITAL War Products for Army and Navy

MIDWEST MFG. COMPANY

MUELLER BRASS CO.
Port Huron, Mich.

TRIPLE SEAL DIAPHRAGM VALVE

Longer Diaphragm Life
Positive Sealing at Three Essential Points

COOLMASTER

"The Product Cooler of Tomorrow"

KRAMER TRENTON & Co.
Heat Transfer Products
TRENTON, N. J.

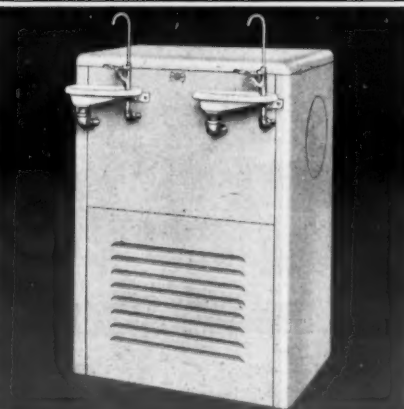
Penn Says:

Servicing commercial refrigeration equipment is vitally important NOW. You can depend on Penn Controls.



PENN ELECTRIC SWITCH CO.
GOSHEN, IND.

NOW! COOLERS FOR WAR PLANTS



Now they can be sold! Day and Night glass filter coolers for industrial cafeterias; bubbler coolers for war plants.

DAY & NIGHT COOLER DIVISION
DAY & NIGHT MFG. CO.
MONROVIA - CALIFORNIA

FACTORY REPRESENTATIVES
NEW YORK CHICAGO
A.C. Homeyer, 682 Bldg., Marc Shantz, 565 Wash. Blvd.
ST. LOUIS DECATUR, GA.
R.H. Spangler, 3331 Market St. - J.E. Parker, 228 2nd St.

POLARTRON

PRESSURE AND TEMPERATURE CONTROLS

Extra features equivalent to 32 or more Special models are STANDARD in every M-H Polartron.

MINNEAPOLIS-HONEYWELL REGULATOR CO.
Refrigeration Controls and Control Systems

New Selective Service Procedures Outlined By Officials To National Service Committee

(Concluded from Page 1, Column 3)

tive Service Headquarters is investigating the possibilities of removing certain occupations from the "critical list," but the National Refrigeration Service Manpower Committee was informed by officials of the War Manpower Requirements Committee that no such deletions would be made until a thorough study has been made of the various occupations.

Here are some points to take into consideration with reference to the Memorandum 115-B:

(1) You can demand for a processing of your case, if you are a qualified refrigeration repairman, under 115-B at any time from the time you receive notice of reclassification until you are actually inducted into the armed services. That is, you can take it to the State Selective Service Director at any time before you are sworn in.

(2) Experience is demonstrating, however, that the most practical procedure right now is to make all of the moves within the 10-day period specified for appeals following classification into 1-A. In other words:

(a) The individual reclassified 1-A asks for a personal appearance.

(b) The employer files form 42-A, if he hasn't done so, and specifically "appeals" the reclassification. (Note: in so doing, he must use the word "appeal" or otherwise it isn't strictly legal.)

(c) Either the employee or employer addresses a letter to the local board requesting that the case be processed in accordance with Memorandum 115-B.

BOARD GETS FACTS AT ONCE

This puts the entire case before the board at once. An alert board will turn the case over immediately to U.S.E.S. for a determination of the man's qualifications. However, many boards apparently prefer to dispose of the personal hearing first, in which the individual can bring up both the personal and occupational qualifications for deferment.

If the individual is still in 1-A following his personal appearance before the board he can still press for a processing of his case under 115-B, and the employer's appeal remains to be heard by the Appeal Board.

There are a couple of other considerations in making the request for the 115-B processing. It is now thought advisable to notarize or at least send by registered mail the letter making such a request.

'EVIDENCE' WITH 115-B LETTER

Furthermore, accompanying the letter should be a statement offering "prima facie" evidence that the individual is qualified under 115-B. A certification should be made as to the nature of the employment, the number of years worked, and the fact that the individual can do the various jobs described in the WMC description of a "refrigeration repairman." (Note: The following is the description of the job, and the repairman or employer should attest that the repairman can do each of the jobs as stated.)

(From "Definitions of Critical Occupations," a part of Local Board Memorandum No. 115)

"Refrigeration Equipment Repairman, Gas or Electric, All Around — (Electric). Services, repairs, and installs electric refrigerators. Examines refrigerator installation checking vacuum and pressure cooling unit with compound gauge, observing condition of electric motor, and generally inspecting parts to determine extent of repairs necessary; cleans dirt and lint from condenser with a brush; adds or removes refrigerant to adjust vacuum or pressure; replaces worn or broken parts, using

simple hand tools; installs refrigerators.

"(Gas) Services, repairs, and installs gas refrigerators, examines refrigerator installation, testing gas pressure by connecting a meter to intake pipe, and performing other similar duties; regulates gas flow by turning setscrew.

With respect to the repairman under 26 years of age, the only possible chance for his deferment is in a situation wherein his leaving would mean a complete breakdown of essential refrigeration equipment. Where this would hold true, a petition should be made to the authorized WPB representative in the state, such petition preferably to be made by an industry group or a group of the man's customers, requesting that he be given special treatment.

(The list of the 48 WPB special agents to receive such petitions was not immediately available, but may possibly be available for publication in the next issue. In the meantime, the nearest regional WPB office should be able to supply the name of the man in your territory.)

PROCEDURE FOR UNDER 26

The following is the official outline of the "interim" procedure for those under 26:

"The procedure whereby duly authorized representatives of the War Department, Navy Department, Maritime Commission, and the other specified Federal procurement agencies may endorse requests of employers for deferment of key registrants under the age of 26 engaged in war activities other than agriculture has been agreed to by the agencies involved in cooperation with the Selective Service System. It is intended to provide an interim procedure whereby the authorized representatives of the procurement agencies may endorse the requests of employers for key workers under 26 until such time as permanent procedures are established for the filing of requests, and lists are compiled of specific war activities and establishments in which registrants under 26 may be deferred.

"The procedure provides that the duly authorized representative of the procurement agency may endorse the request of the employer for the deferment of a key worker which is filed with the State Director of Selective Service on Selective Service Form 42-A Special, in the case of all registrants under 26 except those specifically excepted by the Director of Selective Service in activities such as the Merchant Marine and Army Transport Corps.

UP TO STATE DIRECTOR

"If the State Director accepts the recommendation of the procurement agency representative, and it is emphasized that the recommendation is not binding upon the State Director, he will forward the Form 42-A Special with his acceptance to the appropriate local board. When the local board receives the Form 42-A Special it will consider the registrant for deferment or will reopen and reconsider his classification even though he has already been classified as available for service.

"The procedure is effective immediately and will apply although new lists of war activities and establishments are not yet available to the State Director. It is contemplated, however, that the procurement agencies will furnish a new list of war activities and a list of establishments within those activities in which key registrants under the age of 26 may be considered for occupational deferment to Selective Service within the near future.

"When the list of war activities and the establishments within those activities have been issued to State Directors they will constitute the only activities and establishments in which registrants may be considered as exceptions to the general restriction against the occupational deferment of registrants under the age of 26 ordered by Selective Service Feb. 26.

"Furthermore as the new procedure becomes operative State Directors were advised they may discontinue the listing of registrants under 26 on the replacement lists of replacement schedules."

Cold Storage Jam Is Worse, WFA Says

(Concluded from Page 1, Column 2)

the report says. Occupancy of cooler space was 73% of capacity, compared with 57% a year ago.

Significance of these percentages is emphasized by the recent statement of a cold storage company executive in New York City who declared that the industry feels its space is crammed full when it is at 90% of capacity.

Despite "heavier than normal withdrawals of frozen fruits, frozen vegetables, and creamery butter from freezers during February," the WFA report declares that "accumulations of frozen eggs, frozen and cured beef, pork and trimmings, and offal were far in excess of past performances for freezer commodities.

"Over-all cooler items indicated net increased use of cooler space on March 1," the report continues. "While holdings of apples were reduced during February, stocks of shell eggs, cheese, and lard were increased materially. This is especially true for lard.

"March 1, 1944, holdings of all commodities reported, with the exception of apples, were substantially heavier than those of March 1, 1943, and the March 1 five-year (1939-43) average.

"Frozen fruit stocks were 29% greater than those of a year ago, frozen vegetables 107% heavier, creamery butter 79.2%, cheese 85%, frozen eggs 75%, poultry 117%, meats 50% and lard and rendered pork fat 190%."

The report showed that beef stocks, totaling 276,300,000 pounds on March 1, exceeded those of a year earlier by 174,100,000 pounds and the five-year (1939-43) average by 181,900,000 pounds.

"Pork stocks, 792,700,000 pounds," the report continued, "were 165,300,000 pounds above a year ago and 146,900,000 pounds above the average. Lard and rendered pork fat holdings totaled 354,300,000 pounds, or 232,000,000 pounds heavier than a year ago and 146,800,000 pounds above the average."

Meanwhile, the WFA weekly dairy market review disclosed that storage holdings of butter totaled 107,467,000 on March 1, compared with 12,327,000 pounds a year ago.

WPB Lifts Steel Ban On Cooking Stoves

WASHINGTON, D. C. — Restrictions limiting the weight of iron and steel permitted in domestic cooking appliances and domestic heating stoves have been removed by the War Production Board, to provide more durable products and to conserve man hours. At the same time, restrictions prohibiting the use of alloy steel in these products were removed.

These actions were taken in an amendment to Order L-23-c, which defines domestic cooking appliances and domestic heating stoves to include all domestic cooking or heating stoves except electric stoves, WPB said.

An amendment to WPB's aluminum order, M-1-c, also permits the use of low-grade aluminum ingot for topburner heads for ranges.

MOISTURE'S MASTER
DAVISON'S
SILICA GEL
—USED IN ALL WELL-KNOWN DRYERS
YOUR JOBBER CAN SUPPLY YOU

BUNDY TUBING
ENGINEERED TO YOUR EXPECTATIONS

BUNDY TUBING CO., DETROIT
HEAT TRANSFER EQUIPMENT

MARLO COIL COMPANY
SAINT LOUIS, MISSOURI

Use CHICAGO SEALS
for seal replacements
A complete line in all sizes
CHICAGO SEAL CO.
20 North Wacker Dr., Chicago

FOOD MUST BE CONSERVED

Refrigeration today is performing a vital service by guarding and preserving for future use, priceless food which might otherwise be wasted. Write for literature.

GENERAL REFRIGERATION DIVISION

Yates-American Machine Co.
Beloit, Wis.

Lipman
AUTOMATIC REFRIGERATION

MASTERCRAFT ADJUSTABLE PAD AND CARRYING HARNESS

Endorsed by Thousands!

Used and endorsed by thousands of refrigerator dealers in the United States and Canada. Pad is adjustable to all makes and sizes of refrigerator cabinets; thoroughly protects finish of cabinet from scratches and marks during moving; easily and quickly put on or off; sturdy, lasting construction; easily pays for itself in a short time. Price \$11.75 each. Attractive lettering of your name on pad at \$2.00 each extra. Harness is a separate unit from the pad, is adjustable, and provides a simple and convenient arrangement for carrying your refrigerator more safely and easily. Price \$8.50 each. Write for complete folder and prices on pads for refrigerators, washers, ironers, ranges, radios; also furniture pads and protective covers. All prices subject to change without notice.

BEARSE MANUFACTURING CO.
3815-3825 Cortland Street, Chicago 47, Illinois

AMANA

"Walk In" COOLERS

AVAILABLE NOW TO BUYERS WITH PRIORITY... in any size or type. Amana's long experience in building "Walk In" Coolers is assurance of efficiency and long service. Insulation of latest models is of corkboard or "Fiberglas" insuring extra economy and top cooling ability.

REFRIGERATION DIVISION
AMANA SOCIETY
AMANA, IOWA

Awarded the Army-Navy "E" with White Star for continuance of excellence in production of war materials.



THE EMBLEM OF QUALITY
EBCO
Electric Water Coolers
 WRITE FOR DETAILS
 The EBCO Manufacturing Company
 401 W. TOWN STREET COLUMBUS, OHIO

PHOTOGRAPHIC PROCESSING EQUIPMENT
 Controlled Temperature Film and Print Developing Equipment. Cooling Units for X-Ray Developing Tanks. High Speed Film and Print Drying Equipment. Controlled Temperature Photographic Processing Sinks.
TEMPRITE PRODUCTS CORPORATION
 41 Plaquette Avenue Detroit, Michigan

DOLE
 VACUUM PLATE
 COOLING & FREEZING UNITS
 CHICAGO

BRASS & COPPER SALES CO.
 REFRIGERATION SUPPLIES
 AND EQUIPMENT
 2817 Laclede Ave., St. Louis 3, Mo.

MARSH
 Gauges . . . Dial Thermometers
 Recorders . . . Valve Specialties.
 JAS. P. MARSH CORPORATION
 2067 Southport Ave., Chicago, Ill.

NIAGARA
 DUO-PASS
AERO-CONDENSER
 • Lowers condensing temperatures,
 saves power and water, increases the
 capacity of present equipment.
 Patented Duo-Pass prevents scaling
 of condenser tubes.
NIAGARA BLOWER COMPANY
 25 Years of Service in Air Engineering
 6 E. 45th St., New York 17, N. Y.

Dependable Refrigerants
VIRGINIA SMELTING CO.
 WEST NORFOLK, VIRGINIA

PURQ **ELECTRIC**
WATER
COOLERS
 Different models avail-
 able for the various
 requirements of gov-
 ernment agencies and
 war production plants.
PURQ FILTER CORP.
 440 Lafayette St., New York
 DRINKING WATER
 SPECIALISTS FOR 40 YEARS.

HERE IT IS NEW
WILL BE READY CATALOG
APRIL 15
ANNOUNCING NEW LINE
WASHING MACHINE
PARTS AND SUPPLIES
MOTOR PARTS
DELCO-SUNLIGHT
WAGNER
REFRIGERATION
PARTS AND SUPPLIES
100% WHOLESALE
REFRIGERATION
REBUILTING
GAUNOW-MAJESTIC
GENERAL ELECTRIC
WESTINGHOUSE
SERVICE PARTS CO.
 2511 Lake St. Melrose Park, Ill.

Promotion Campaign on Washer Launched by Westinghouse

MANSFIELD, Ohio—The Westinghouse Electric Appliance Division soon will launch a campaign to advertise the Laundromat, the company's automatic washing machine which has been field-tested in 25,000 homes and is scheduled for nationwide distribution after the war.

In making the announcement, Roger H. Bolin, advertising manager, said the campaign "really is double-barreled because in addition to featuring the Laundromat, the advertisements will help the government's conservation program by providing timely information on proper laundering techniques for various clothes and fabrics with present equipment."

Four-color advertisements reaching 37 million readers will appear in "Life," "Good Housekeeping," "American Magazine," "Parent's Magazine," "Vogue Pattern Book" and "The Bdire's Magazine." Each advertisement will contain an article on the most efficient method of laundering a specific fabric when using today's non-automatic washing machines. The first advertisement will appear in the April 10 issue of "Life."

A four-color human interest photograph is used in each advertisement to direct attention to a laundering problem on some material. The solution of the problem is then presented, using a strip technique to explain the proper laundering method

for that material.

Following this step-by-step instruction appears copy which refers to the ease of post-war laundering with a Laundromat. For example, the bath towel laundering instruction will be followed by this promise:

"There'll come a day when washing towels will be simplified to 'Put 'em in—set the dials—take 'em out.' They'll come out gay and luxurious, made soft and fresh by the Westinghouse Laundromat."

Proper laundering procedures will cover rayon dresses, table linens, children's clothing, slip covers, men's shirts, work clothes, knitted garments, and bath towels.

To give housewives an opportunity to obtain more detailed information on laundering, the Westinghouse Home Economics Institute will offer in every advertisement a 48-page booklet titled "Home Laundering Guide for Clothes and Fabrics." Available without charge to the reader, this booklet will emphasize five main points: (1) Why it is important to buy wisely when purchasing new clothes and fabrics, and why these must be laundered properly. (2) How to buy wisely. (3) How to wash and iron the "weekly wash." (4) How to launder household furnishings which must be done occasionally. (5) How to launder delicate fabrics.

Repairmen Training Program Moves Ahead In New York, Guild Reports

NEW YORK CITY—Formation of the program for the training of refrigeration repairmen sponsored by the Local Refrigeration Service Council and government agencies is nearing completion, reports Nathan Edelstein, local coordinator of the program, following an open meeting sponsored recently by the Refrigeration & Air Conditioning Guild, Inc.

An appeal for materials to use in the training program made during the meeting brought promised donations of complete refrigeration units, tanks of refrigerant, gauges, Presto-Lite torches complete with tanks, and other articles from those present, enough equipment for two or three classes, says Mr. Edelstein. If additional equipment is needed, it will be furnished, too, the men promised.

Outlined at the meeting were qualifications of candidates for these training classes, as recommended by the U.S.E.S. supervisor of the War Training Program. They include:

1. Applicants must have a 4-F draft classification or be over 36 years, or in some other way deferred.
2. Public school education acceptable.
3. Ability to lift heavy objects very important.
4. Must have mechanical aptitude.
5. Candidates must preferably not be an office type.

The training course will run 10 weeks. Trainees new to the refrigeration industry will attend three-hour classes five nights a week, while employees who desire to be upgraded as repairmen will attend three night classes a week, Mr. Edelstein said.

Prospects for continued deferment of refrigeration servicemen are good, the meeting was told by Mr. Edelstein following a conference in Washington, but deferable servicemen, he said, must be (1) over 26, (2) must have been in the business for at least three years, and (3) must be a pre-Pearl Harbor father.

Aid to servicemen being given by the OPA in providing adequate gas ration coupons was also stressed during the meeting. Servicemen who actually need coupons for their work will receive them, but, it was pointed out, they must prove that extra coupons are required. It was suggested that each serviceman keep a log of each call made and the mileage consumed. Daily, weekly, and monthly totals should then be compiled from the log, which will serve as a basis for proving the need of more coupons.

Regulation W Amended By Federal Reserve

WASHINGTON, D. C.—No down payment is now required on installment sales of articles priced at \$10 or less for cash sales, according to Amendment No. 11 to Regulation W, recently issued by the Board of Governors of the Federal Reserve System.

Another change in the regulation drops the requirement for a "description of the article" in the statement of transaction if the article is purchased by means of a coupon book or similar medium of installment credit upon which a cash down payment of at least one-third of its purchase value has been made.

To the section entitled "Curing Defaults" has been added the following paragraph:

"In the case of any charge account obligation of any member or former member of the armed forces of the United States incurred prior to his induction into such service, a default may be cured by the purchaser entering into a written agreement in good faith to make payment according to such terms as the Registrant shall deem it appropriate to require."

The revised regulation also declares that a charge account "shall not be deemed to be 'in default' if the amount in default is less than \$10."

50 Attend New England Meeting of Jobbers

BOSTON—Fifty jobbers and manufacturers' representatives participated in the New England regional meeting of the National Refrigeration Supply Jobbers Association conducted here recently by H. W. Small, chairman of the association's Manufacturers Relations Committee, to analyze causes of misunderstanding between jobbers and manufacturers.

The New England Refrigeration Supply Jobbers Association was co-sponsor of the meeting.

Tiedeman Heads WPB Office In Detroit

DETROIT—Carsten Tiedeman, formerly vice president and general credit manager of Universal Credit Co., automobile finance company, has been appointed regional director of the War Production Board's Detroit region, according to Donald M. Nelson, WPB chairman.

Mr. Tiedeman succeeds L. W. Welch of WPB's Washington staff, who had served as acting director for four months. Mr. Welch is returning to Avery Farm Machinery Co., Peoria, Ill., of which he is president and general manager.

After attending Purdue university, Mr. Tiedeman managed a small loan company before joining Universal Credit in 1928, which he left a year ago. Since then he had been a special representative and consultant for the Gear Grinding Machine Co. here.

UNIVERSAL COOLER
 MARION OHIO
 BRANTFORD ONTARIO
 WE SELL TO MANUFACTURERS ONLY
UNIVERSAL COOLER CORPORATION
 Automatic Refrigeration since 1922

UNIFORMITY
you get it in
WOLVERINE TUBING

BUY BONDS TODAY AND PLAN FOR TOMORROW
OUR POST-WAR PROGRAM WILL BENEFIT YOU!
ASK US ABOUT IT NOW
WRITE DEPT. 220
FOGEL REFRIGERATOR COMPANY Since 1899
 Philadelphia, Penna.

★ This is EARL KENT, General Works Manager of Tyler plants. Head over heels in war production, he still keeps an eye on latest developments and production methods for post-war commercial refrigerators. Earl will have something spectacular to show Tyler agents when they gather at Niles for the first big Post-War Convention and will have his production lines humming with activity on the new models.

TYLER REFRIGERATORS

STANGARD
PRIME SURFACE Cold Plates
FOR MAXIMUM EFFICIENT REFRIGERATION
 ★ For Locker Plants, Sharp Freezing, Ice Cream Cabinets, Hardening Rooms, Soda Fountains, Storage Rooms, Milk Coolers, Liquid Cooling, Food Counters and other similar uses.
 Write us today for complete information and catalog.
 Stangard Facilities are contributing to the production of materials for our National Defense.
THE STANGARD-DICKERSON CORP.
 46-76 Oliver Street, Newark, N. J.

ASK YOUR JOBBER
 When you need a Ranco replacement, check with your jobber. There are many available controls and others that are easily adaptable.
 Ranco Controls are sturdily made precision instruments. You can be proud and confident when you install beautifully-designed, accurate Ranco controls.
Ranco Inc. COLUMBUS, OHIO

Are You Getting Your Share of the Milk-Cooling Business?

WILSON
SYSTEMS OF MILK COOLING
A TYPE FOR EVERY REQUIREMENT
1. ZEROFLOW MILK COOLER

The Wilson ZERO-FLOW Milk Cooler, in sizes to cool from 4 cans to 20 cans of milk daily, has set a high standard of milk-cooling speed, with economy and dependability throughout a long life. The 1943 ZERO-FLOW, engineered particularly for the use of refrigerating plates, continues the Wilson tradition of high performance in:

- RAPID AND UNIFORM COOLING
- MAXIMUM COOLING EFFICIENCY
- LOW COST OF OPERATION
- LIFE-TESTED CONSTRUCTION

If there is no Wilson Dealer near you . . . If you have an adequate sales-and-service organization . . . you can get your share of this tremendous business. Write NOW!
WILSON CABINET COMPANY
 COMMERCIAL REFRIGERATION
 SMYRNA DELAWARE

ZERO MILK **FLOW COOLER**

Model ZF8-HX50 Packaged-Unit

CLASSIFIED ADVERTISING

RATES for "Positions Wanted," 5¢ per word; minimum charge, \$2.50. Three consecutive insertions, 12½¢ per word; minimum charge, \$6.25.

RATES for all other classifications, 10¢ per word, minimum charge, \$5.00 per insertion. Three consecutive insertions, 25¢ per word, minimum charge, \$12.50.

ADVERTISEMENTS set in usual classified style. Box addresses count as five words, other addresses by actual word count.

BUSINESS OPPORTUNITIES

MICHIGAN'S LARGEST commercial refrigeration and store fixture sales and service company desires contacts for distribution in Michigan. HARROD REFRIGERATION SALES & SERVICE, 201-05 North Jackson St., Jackson, Mich.

POSITIONS AVAILABLE

ENGINEER. Southwest. Real opportunity for permanent connection with live wire, well established distributor of air conditioning and commercial refrigeration. Box 1536, Air Conditioning & Refrigeration News.

BEST OPPORTUNITY in all America both during and after the war. San Diego, Calif. offers you everything worth living for. We need good service men. Will pay top wages, time and a half and double time for over 44 hours plus liberal commissions. WRIGHT REFRIGERATION SERVICE, 1337 India St., San Diego 1, Calif.

EQUIPMENT FOR SALE

FOR SALE: 4, 6, 8 hole converted Frigidaire Expansion cabinets with remote ½ hp. A.C. 60 cycle units. Send for list and prices. EDISON COOLING CORP., 310 E. 149 St., New York 51, N. Y.

SACRIFICING: Quantity Fedders heavy duty flooded type cooling units from 4 to 16 tray sizes, brand new. Prices on request. Box 1533, Air Conditioning & Refrigeration News.

FOR SALE, 400 Frigidaire Model "K," \$35; 500 Kelvinator Model 400, \$42.50. All units are removed from ice cream cabinets, with SO₂ gas, in running condition, with ½-hp. 60 cycle, 110-220 V. and low pressure switch. EDISON COOLING CORP., 310 E. 149 St., New York 51, N. Y.

DRY BOTTLE COOLERS. ELECTRIC. Equipped with vending machine, blower coil, and self-contained ¼ H.P. Universal Cooler Corporation unit ready to plug in. Brand new. Streamlined. No priority required. Price \$132.50 net. GENERAL REFRIGERATOR COMPANY, 855 North Broad St., Philadelphia, Pa.

POSITIONS WANTED

MANUFACTURERS REPRESENTATIVE available. Prefer Southwest territory. Want several lines now or postwar for jobber distribution. Can furnish AA-1 references. 15 years engineering and sales experience. Excellent field contacts and top notch sales record. Box 1537, Air Conditioning & Refrigeration News.

REFRIGERATION PRODUCTS

fedders
BUFFALO, N. Y.

AUTOMATIC

Pressure, Temperature and Flow Controls

Write for Catalog 52

GENERAL CONTROLS
801 ALLEN AVENUE
Branches: Boston - New York
Philadelphia - Cleveland
GLENDALE 1, CALIF.
Detroit - Chicago - Dallas
Denver - San Francisco

The PIONEER FLUID DEHYDRANT

THAWZONE
Fully Protected by U.S. Patent
HIGHSIDE CHEMICALS CO.
145 VERONA AVE. NEWARK, N. J.

Established 1864
CURTIS REFRIGERATION
AIR CONDITIONING
AND COMMERCIAL

Curtis Refrigerating Machine Division
of Curtis Manufacturing Company
1912 Kienlen Ave. St. Louis, Mo.

La Crosse Beer Dispensing
Equipment with a
National reputation for
Quality and Performance.
La Crosse Novelty Box Mfg. Co.
LA CROSSE, WISCONSIN

Electrimatic
CONTROL VALVES
AUTOMATIC REGULATORS
3109 INDIANA AVENUE - CHICAGO 16

Production of Small Appliances Such as Electric Irons Doesn't Indicate a Trend Toward General Reconversion, Warns WPB

WASHINGTON, D. C.—Production of small quantities of some civilian goods, such as electric irons, is definitely planned, but this move should not be thought of as a trend toward resumption of heavy durable items like refrigerators, warns the War Production Board.

Manufacture of 2,000,000 electric irons on an emergency basis will require only about 1,500 tons of steel and about 500 workers, says WPB, and this production will be 43% of the 1940 output. But to produce 43% of the 1940 refrigerator output, would require at least a hundred times as much steel, and proportionately larger amounts of aluminum, copper, nickel, tin, rubber, and other materials, explains WPB.

Even if these materials or substitutes were available a comparable refrigerator program would require 15,000 to 20,000 workers, says WPB, pointing out that relatively few of the workers making electric irons are skilled, while a large part of the refrigerator labor force has the skills needed in war work.

3 COMPONENTS CRITICAL

Moreover, three essential refrigerator components—fractional horsepower motors, compressors, and thermostatic controls—are highly critical and are absorbed by military needs, declares WPB, adding that practically 100% of refrigerator plant facilities are converted to war work.

The only new items of civilian goods to be brought back into production this year, according to WPB, are:

- (1) Articles using comparatively small quantities of manpower and materials.
- (2) Those not interfering with war production.
- (3) Those not requiring extensive conversion of facilities.
- (4) Those which would contribute more time and energy to war workers for their jobs.

There are no early prospects for the production of heavy durable consumers' goods such as automobiles, washing machines, mechanical refrigerators, vacuum cleaners, or radios. Plant facilities as well as certain component parts and raw materials required to make these items continue to be needed for war production.

WPB has been reviewing for some months its limitation and materials orders so that strictly essential civilian supplies can be rounded out. Review of these orders is affecting the production of quality of the following civilian articles:

ELECTRIC IRONS

No electric irons are yet being made, but a WPB order permitting manufacturers to make 2,000,000 electric irons for civilian use and 76,000 for Army, Navy, Maritime Commission, Lend-Lease, and export purposes was issued Feb. 24. The number of electric irons to be manufactured is about 43% of 1940's output.

Under the order, manufacturers must apply to the WPB for production quotas; their facilities must be investigated by local WPB offices to see that the making of electric irons will not interfere with war work, and their applications must be approved by the Consumers Durable Goods Division of WPB in Washington. WPB officials estimate that the process of approving applications, investigating facilities, allocating materials, and the setting up of assembly lines will take at least six weeks. The manufacture of electric irons will probably not begin until May under the most favorable circumstances and WPB estimates it will take four months after production is started for the irons to reach dealers' shelves in any quantity.

Under regulations of the Office of Price Administration, the ceiling prices of the electric irons to be produced are the prices at which the same models were sold in March, 1942. Some manufacturers will be able to proceed on this basis. A few have informally advised OPA that they would petition for a price increase. Action by OPA on such petitions will not delay delivery of the irons since decisions can be reached before production lines are

in operation.

The electric irons will not be rationed. WPB is asking manufacturers to distribute a large share of the irons to war production areas.

ICE REFRIGERATORS

Current permitted production of iceboxes in the first quarter of 1944 is 40,000 more units than the rate allowed in the last quarter of 1943. The refrigerators are available to all purchasers without restrictions and are now on the market.

The scheduled production rate of ice refrigerators for the first quarter of 1944 is more than five times the pre-war rate: 269,809 as compared to prewar quarterly production of 50,000. WPB has drawn up a program to meet this year's needs, calling for the manufacture of 821,000 iceboxes (of which 600,000 are strictly for consumer use) as compared with 633,000 iceboxes produced last year. The greater output has been encouraged because no mechanical refrigerators have been produced since early in 1942, nor can they be until facilities and skilled workers are released from war work and until fractional horsepower motors, copper wire and refrigerants are in greater supply.

ELECTRIC RANGES

Production in 1944 of three-burner and standard electric ranges was first scheduled to be 64,000, but the number to be made has now been increased to 88,000.

Civilians will get all the standard, four-burner ranges to be made and will share with the Federal Housing Administration a supply of 68,000 ranges—more ranges than originally scheduled for all claimants. As the WPB order under which the ranges would be manufactured has not yet been issued, consumers may not be able to obtain the ranges before September.

The ranges will not be rationed. They will be sold through normal trade channels, but the purchasers may have to present a certificate of necessity. Families which have no stoves or those recently setting up housekeeping will be given priority.

Twenty thousand ranges will go to the Army, the Federal Public Housing Authority, and for export.

MISCELLANEOUS

In line with lifting restrictions on production of certain civilian goods, WPB no longer requires the consumer to obtain a priority for the purchase of certain plumbing, cooking, and heating equipment, provided the consumer can find the articles. These include bathtubs, lavatories, laundry trays, showers, and water heaters.

Householders with oil burners over 10 years old or beyond repair can also replace the oil burners without specific WPB authorization.

Few bathtubs, except for some extreme models, are available. There are about 45,000 to 50,000 oil burners and 50,000 water heaters in dealers' and distributors' stocks throughout the country, according to WPB. The number available in a given locality, however, may vary considerably.

Ice Cream Machinery Okayed by WPB

WASHINGTON, D. C.—Permission for the manufacture of ice cream making machinery, which has been stopped since June, 1943, has been granted by the War Production Board in a revision of Limitation Order L-292. Companies have been assigned quotas of 25% of the average annual number of units produced during the period 1939, 1940, and 1941.

The revised schedule, which also covers brewery, winery, and beverage making machinery, does not include refrigeration machinery and equipment, pointed out WPB.

Other changes in the order eliminate certain standardization and simplification restrictions, including limitations on the use of copper and aluminum, and lift the ban on sales by users of used machinery.

'Freon' Shortage Hits Railroad Car Cooling

WASHINGTON, D. C.—As a result of heavy war demands for "Freon," air conditioning of railroad equipment will be curtailed this summer, Brig. Gen. C. D. Young, acting director of the Office of Defense Transportation, announced.

"Supplies of 'Freon' which were formerly used to air condition railroad cars are now being used by our fighting men to kill mosquitoes," General Young said. "After sufficient supplies to meet the needs of the armed services had been set aside, the amount available for civilian use was materially reduced," he explained.

Additional supplies are in prospect for later in the year, General Young said, but may not be available in time to change the situation as far as air conditioning railroad equipment this summer is concerned.

"The War Production Board has limited the present use of 'Freon' to sealed cars," General Young said. "In sealed cars the windows are permanently fixed and cannot be opened. Sealed cars account for 4,600 of the 8,000 mechanically air conditioned railroad cars. Appeals may be made to the WPB for 'Freon' for use in unsealed cars, but there is little prospect that much of the refrigerant will be made available for this particular use."

Blocker Corp. New Name Of York Distributor

NEWARK, N. J.—Blocker Air Conditioning Corp., York distributor here, has changed its name to Blocker Corp. because the original name did not cover its activities in industrial refrigeration, announces H. T. Blocker. There has been no change in corporate structure or personnel.

NIBCO WROT
FITTINGS FOR REFRIGERATION
NORTHERN INDIANA BRASS CO.
ELKHART, INDIANA

PAR COMMERCIAL REFRIGERATION UNITS FOR PROTECTION OF VITAL FOOD SUPPLIES
See Your Par Jobber
LYNCH MANUFACTURING CORP.
DEFIANCE, OHIO, U.S.A.

RECORD COILS WATER-DEFOST
CANADA PAT. 354,795 U.S. PAT. 2,219,393
REFRIGERATION ENGINEERING INC.
LOS ANGELES - CALIFORNIA

BEN-HUR
FARM LOCKER PLANT
BEN-HUR MFG. CO.
834 East Keefe Ave., Milwaukee 12, Wis.

ANSUL Sulfur Dioxide Methyl Chloride
Available in cylinders, drums and carload lots. Agents for Kinetic's "Freon 12." See your local Ansul jobber. Ansul Chemical Company, Marinette, Wis. AC-44-1

Send for Bulletins on **Wagner** ELECTRIC MOTORS
MU-102 and MU-103
Wagner Electric Corporation
6441 Plymouth Ave., St. Louis 14, Mo., U.S.A.

SEND FOR OUR CATALOG ON YOUR LETTERHEAD

REFRIGERATION

PARTS and SUPPLIES

THE HARRY ALTER CO.
1728 S. Michigan Ave. Chicago, 16, Ill. Two Big Warehouses to Serve You 134 Lafayette St. New York, 13, N.Y.

HENRY

Balanced-Action Diaphragm Packless Valve
The only packless valve that gives you 24 important features of design, construction and operation—all described in catalog No. 95. It's yours for the asking.
LEAK PROOF • PORTS IN LINE • LONGER LIFE • OVAL HAND WHEEL

HENRY VALVE CO., 1019 N. SPAULDING AVE. CHICAGO

TYPE 625

ASK YOUR JOBBER

More important than ever in the war on moisture

Order from your jobber

IMPERIAL TORPEDO DEHYDRATOR
One piece streamlined shell—fewer joints—no soft solder—less chance of leakage. Copper and brass construction. Packed with "Silica Gel". Built in sizes up to 7 h.p.
IMPERIAL BRASS MFG. CO., 565 S. RACINE AVE., CHICAGO 7, ILL.

Humi-Temp - Forced Convection Units - Patented CROSS-FIN COILS - Bare Tube Coils - Zinc Plated Steel Plate Coils - Disintegrator

LARKIN COILS, INC.
519 Memorial Dr., S.E., Atlanta, Ga.
Write for New Catalogue

Pans - Heat Exchangers - Evaporators - Instantaneous Water Coolers - Air Conditioning Coils - Industrial Units

REFRIGERATION PRODUCTS